

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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## STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN035	New Jersey*	IN598
Colorado Radiochemistry	IN035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074-001
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-15-8
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA180008	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: Cary/Apex WTP  
 Attn: Rachel Monschein  
 1400 Wimberly Road  
 Apex, NC 27523

Report: 436730  
 Priority: Standard Written  
 Status: Final  
 PWS ID: NC0392020

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4129603	Raw Water Intake (Wet Well)	L402	11/20/18 09:05	Client	11/21/18 09:30
4129604	Filter Effluent	L402	11/20/18 08:25	Client	11/21/18 09:30
4129605	Resin #1 Purolite	L402	11/20/18 08:58	Client	11/21/18 09:30
4129606	Resin #2 Calgon	L402	11/20/18 09:01	Client	11/21/18 09:30
4129607	Post-GAC	L402	11/20/18 09:04	Client	11/21/18 09:30
4129608	RO Permeate	L402	11/20/18 09:16	Client	11/21/18 09:30

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Joseph Mattheis at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

 Account Manager

Authorized Signature

Title

12/14/2018

Date

Client Name: Cary/Apex WTP

Report #: 436730

Sampling Point: Raw Water Intake (Wet Well)

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	<b>2.5</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>9.6</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>12</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	<b>2.2</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>15</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	<b>12</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>8.2</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>14</b>	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 14:57	4129603

Sampling Point: Filter Effluent

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>8.4</b>	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>4.3</b>	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>8.0</b>	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	<b>2.0</b>	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>10</b>	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:23	4129604

Sampling Point: Resin #1 Purolite

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	15	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	4.5	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	22	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 15:49	4129605

Sampling Point: Resin #2 Calgon

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	19	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	22	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:15	4129606

Sampling Point: Post-GAC

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	<b>11</b>	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	<b>2.7</b>	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	<b>8.6</b>	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	<b>13</b>	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 16:42	4129607



Sampling Point: RO Permeate

PWS ID: NC0392020

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
120226-60-0	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
757124-22-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
958445-44-8	ADONA	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
73606-19-6	F-53B Major	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
83329-89-9	F-53B Minor	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
13252-13-6	GenX	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
24448-09-7	N-methylperfluorooctane sulfonamidoethanol	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
375-73-5	Perfluorobutanesulfonic acid (PFBS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
375-22-4	Perfluorobutanoic acid (PFBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
335-76-2	Perfluorodecanoic acid (PFDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
375-85-9	Perfluoroheptanoic acid (PFHpA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
307-24-4	Perfluorohexanoic acid (PFHxA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
307-55-1	Perfluorododecanoic acid (PFDoA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
375-95-1	Perfluorononanoic acid (PFNA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
335-67-1	Perfluorooctanoic acid (PFOA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
2058-94-8	Perfluoroundecanoic acid (PFUnA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
NA	Perfluorododecanesulfonic acid (PFDoS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
335-77-3	Perfluorodecanesulfonic acid (PFDS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
151772-58-6	Perfluoro-2-methoxyethoxyacetic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
801212-59-9	Perfluoro-4-isopropoxybutanoic acid	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMOBA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	L402	---	5.0	< 5.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
68259-12-1	Perfluorononanesulfonic acid (PFNS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
754-91-6	Perfluorooctane sulfonamide (PFOSA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
2706-90-3	Perfluoropentanoic acid (PFPeA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	L402	---	2.0	< 2.0	ng/L	12/07/18 08:30	12/09/18 18:00	4129608

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.



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### CHAIN OF CUSTODY RECORD

Page 1 of 1

Shaded area for EEA use only

REPORT TO: Rachel Monschien 1400 Wimberly Rd Apex NC 27523		SAMPLER (Signature) <i>R. Kellie</i>		PWS ID # NC0392020		STATE (sample origin) NC		PROJECT NAME PFAS'S		PO#	
TOWN OF CARY FINANCE: A.P P.O. BOX 8005 CARY, NC 27512-8005		COMPLIANCE MONITORING		POPULATION SERVED >100,000		SOURCE WATER JORDAN LAKE		SAMPLE REMARKS		# OF CONTAINERS	
LAB Number		COLLECTION		SAMPLING SITE		TEST NAME		CHLORINATED		MATRIX CODE	
		DATE		Yes				YES		NO	
		TIME		No				NO		TURNAROUND TIME	
1		11-20-18		X		RAW WATER INTAKE (WET WELL)		X		2	
2		8:05				FILTER EFFLUENT		X		2	
3		8:25				RESIN #1-PUROLITE				2	
4		8:53/8:57				RESIN #2-CALGON				2	
5		9:01/9:02				POST-GAC				2	
6		9:04/9:08				RO PERMEATE				2	
7		9:16/9:17								2	
8											
9											
10											
11											
12											
13											
14											

RELINQUISHED BY: (Signature) <i>Rachel Monschien</i>		DATE		TIME		RECEIVED BY: (Signature)		DATE		TIME	
RELINQUISHED BY: (Signature)		11-20-18		10:38 AM		RECEIVED BY: (Signature)					
RELINQUISHED BY: (Signature)		DATE		TIME		RECEIVED FOR LABORATORY BY:		DATE		TIME	
						<i>J. Martens</i>		11/21/18			
										CONDITIONS UPON RECEIPT (check one): Ice/ Wet/Blue _____ Ambient _____ °C Upon Receipt _____ NIA	
										LAB COMMENTS LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT	

**MATRIX CODES:**  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RV = Rush Verbal: (5 working days) 50%  
 RW = Rush Written: (5 working days) 75%

**• Please call, expedited service not available for all testing**

**IV** = Immediate Verbal: (3 working days) 100%  
**IW** = Immediate Written: (3 working days) 125%  
**SP** = Weekend, Holiday CALL  
**STAT** = Less than 48 hours CALL

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